

**Automatic retrieval process for machine-printed or handwritten text on a background, in a multilevel digital image**

Patent Number: ☐ US6154565  
Publication date: 2000-11-28  
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Requested Patent: ☐ EP0910035  
Application Number: US19980172392 19981014  
Priority Number(s): US19980172392 19981014; FR19970012889 19971015  
IPC Classification: G06K9/00  
EC Classification: G06K9/38  
Equivalents: CA2250447, ☐ FR2769733

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**Abstract**

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Systems and methods for frequency acquisition and channel tracking in a direct sequence code division multiple access system are described. Frequency estimates are prepared and refined, which estimates are also used in the channel tracking process.

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